

County of San Diego Planning & Development Services BUILDING DIVISION

ACCESSIBILITY CORRECTION LIST

Public Accommodations & Commercial Buildings

4B

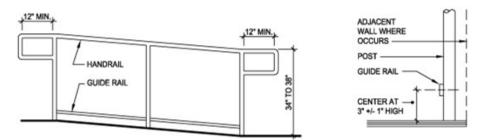
Pedestrian Ramps

PLAN CHECK #:		OWNER ON APPLICATION:		
GENERAL REQUIREMENTS		LANDING DIMENSIONS AND CONFIGURATION		
1.	An accessible route with running slope exceeding 1:20 (5% gradient) requires an accessible pedestrian ramp. Exception: Curb ramps per accessibility correction list 3B CBC 1133B.5.1	9.	Dimension level top landing complying with the following per CBC Figure 11B-38 or CBC Figure 11B-39(a): ☐ Minimum 60-inch length ☐ Minimum 60-inch width	
WIDTH			CBC 1133B.5.4.	
2.	Provide complete dimensions and coordinated detailing for each pedestrian ramp. CBC 1133B.5.1	10.	Dimension level bottom landing complying with the following per CBC Figure 11B-38 or CBC Figure 11B-39(a): ☐ Minimum 72-inch length ☐ Width equivalent to ramp width	
3.	Dimension minimum 48-inch clear width – consistent dimension		CBC 1133B.5.4.	
٥.	with no width reduction in direction of travel – at pedestrian ramps per CBC Figure 11B-27(c). Exception: Ramp handrails may project into clear width	11.	Provide level intermediate landing(s) if elevations specified per item 5 indicate vertical rise of any pedestrian ramp run exceeds 30 inches.	
	maximum 3½ inches on each side Exception: Minimum 60-inch clear width required at ramps		CBC 1133B.5.4.	
	serving as only exit discharge path for occupant load of 300 or more	12.	Provide level intermediate landing at any change of direction on pedestrian ramp.	
	Exception: Minimum 36-inch clear width – with no handrail projection into clear width at egress ramps – allowed at ramps		CBC 1133B.5.4.	
	serving Group R occupancies with occupant load of 50 or less CBC 1010.5, CBC 1133B.5.2 and CBC 1133B.5.5.1	13.	Where intermediate landings(s) required per item 11 or 12, dimension landings complying with the following per CBC Figure 11B-38 or CBC Figure 11B-39(a):	
SL	OPES		 Minimum 72-inch length with change of direction exceeding 30 degrees 	
4.	Specify running slope for each pedestrian ramp run. CBC 1133B.5.3		 Minimum 60-inch length for other intermediate landings Minimum 60-inch width with any change of direction if ramp serving as means of egress 	
5.	Specify and dimension the following to verify slope(s) indicated per item 4 do not exceed 1:12 (8.3% gradient) for each pedestrian ramp: □ Elevation at each ramp landing □ Length of each ramp run between landings		☐ Width equivalent to ramp width for other intermediate landings☐ Intermediate landings placed at intervals such that no ramp run exceeds 30-inch vertical rise☐ CBC 1010.6.4, CBC 1133B.5.3, and CBC 1133B.5.	
	CBC 1133B.5.3			
6.	Specify maximum 1:50 cross slope (2% gradient) for each pedestrian ramp run and landing.	14.	Dimension pedestrian ramp landings complying with the following a doors and gates per CBC Figure 11B-39(b): Landing extending 24 inches past the strike edge of doors or	
en	CBC 1133B.5.3.1		gates at exterior pedestrian ramps Landing extending 18 inches past the strike edge of doors or	
			gates at interior pedestrian ramps CBC 1133B.5.4.	
7.	Specify continuous common surface material complying with the following for each pedestrian ramp run and landing: Stable and firm surface	15.	Dimension door/gate swings complying with the following per CBC Figure 11B-39(b):	
	 Surface with slope less than 6% gradient shall have slip resistance equivalent to medium salted finish 		 Doors/gates in any position shall not reduce the minimum landing dimension to less than 42 inches 	
	□ Surface with slope 6% gradient or more shall be slip-resistant CBC 1124B.1 and CBC 1133B.7.1		 Doors gates in fully open position shall not reduce the required landing width by more than 3 inches when fully open 	
8.	Specify means of preventing accumulation of water on exterior ramps, landings, and approaches.		CBC 1133B.5.4.	
	CBC 1133B.5.8			

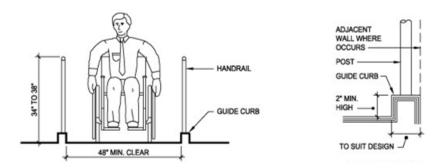
THIS DOCUMENT IS FOR PLAN REVIEW ONLY.
CORRECTION LIST ITEMS MAY NOT BE REPRODUCED OR COPIED ON PLANS.
PROVIDE COMPLETE DETAILS, DIMENSIONS, AND NOTES TO SATISFY CORRECTION ITEMS.

PDS 628B REV.: 09/24/2012 PAGE **1** of **4**

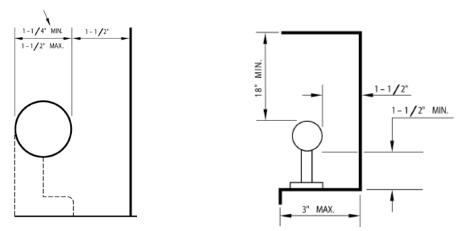
EDO	E PROTECTION	23.	Provide continuous inner handrails between pedestrian ramp runs		
16.	At pedestrian ramp runs not bounded by a wall, detail one of the		at dogleg or switchback pedestrian ramps. CBC 1133B.5.5.1		
	following per CBC Figure 11B-27(b) or CBC Figure 11B-27(c): ☐ Continuous guide curb minimum 2-inches in height above ramp surface	24.	Detail extensions for each handrail complying with the following per CBC Figure 11B-27(b):		
	☐ Continuous wheel guide rail centered minimum 2-inches and maximum 4-inches above ramp surface		 Extending horizontally minimum 12 inches beyond the top and bottom of each pedestrian ramp run 		
17.	CBC 1133B.5.6.1 and CBC 1133B.5.6.2 At pedestrian ramp landings not bounded by a wall or fence and with adjacent vertical drop-off exceeding 4 inches, detail one of the		Exception: Extensions not required for continuous inner handrails at dogleg or switchback ramps □ Extending in direction of each pedestrian ramp run Exception: In existing buildings where extension in		
	following: Guide curb minimum 2-inches in height above ramp surface Wheel guide rail centered minimum 2-inches and maximum 4-		direction of ramp run would create a hazard, extension may be turned 90 degrees from direction of ramp pedestrian run		
	inches above ramp surface CBC 1133B.5.4.9		Not protruding into required width of any adjacent route of travel		
18.	At pedestrian ramp runs or landings with an adjacent vertical drop exceeding 30 inches, detail continuous guard minimum 42-inches	25.	CBC 1012.6 and CBC 1133B.5.5.1 Where handrail extensions protrude more than 4 inches into an		
	high with openings not allowing passage of 4-inch-diameter sphere. Exception: Openings not allowing passage of 4 3/8-inch-		adjacent route of travel, detail cane-detectable rail at maximum 27 inches above landing surface.		
	diameter sphere allowed in portions of guard 36 inches to 42 inches high		CBC 1133B.8.6.1		
40	CBC 1013.2, CBC 1013.3, and CBC 1133B.5.7	26.	Handrails shall return smoothly to floor, wall, or post. CBC 1133B.5.5.1		
19.	At pedestrian ramp runs or landings serving as means of egress, detail additional edge protection per one of the following: Minimum 4-inch-high curb	27.	Detail handrail gripping surfaces complying with the following per CBC Figure 11B-36:		
	□ Rail or barrier preventing passage of 4-inch-diameter sphere where any portion of sphere within 4 inches of ramp surface □ Ramp/landing surface extending minimum 12 inches beyond inside face of complying handrail		☐ Minimum 1¼ inches and maximum 1½ inches in cross-sectional nominal dimension or shape providing equivalent gripping surface ☐ Smooth with no sharp corners		
	Exception: Edge protection not required on sides of ramp landings serving adjoining ramp run or stairway		□ No handrail rotation within fittings CBC 1133B.5.5.1		
	Exception: Edge protection not required on sides of ramp landings with adjacent vertical drop-off not exceeding ½ inch	28.	For handrails projecting from walls, detail 1½-inch (absolute) space		
	with 10 inches horizontally CBC 1010.9		between wall and handrail per CBC Figure 11B-36. CBC 1133B.5.5.1		
HAN	IDRAILS AND EXTENSIONS	29.	For handrails located in recesses, detail recess complying with the following per CBC Figure 11B-36:		
20.	Provide handrail on each side of each pedestrian ramp. Exception: Handrails not required at pedestrian ramps with less than 6-inch rise or 72-inch length serving exterior door landings		☐ Maximum 3-inches deep ☐ Extending minimum 18 inches above top of handrail CBC 1133B.5.5.1		
	CBC 1133B.5.5.1	30.	Specify surface material of any walls or other objects adjacent to handrails to comply with the following:		
21.	Dimension top of handrail gripping surface at minimum 34 inches and maximum 38 inches above pedestrian ramp surface per CBC Figure 11B-27(b) and CBC Figure 11B-27(c).		☐ Free of sharp or abrasive elements ☐ Minimum 1/8-inch radius of any edges CBC 1133B.5.5.1		
	CBC 1133B.5.5.1		GEO 1100E.0.0.1		
22.	Provide continuous handrails the full length of each pedestrian ramp run and parallel with the ramp surface.				
	CBC 1133B.5.5.1				
ADDITIONAL REQUIREMENTS					



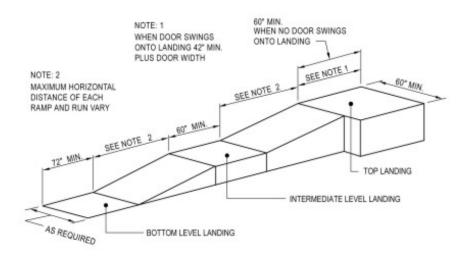
CBC FIGURE 11B-27(b) - PEDESTRIAN RAMP HANDRAIL, EXTENSION, AND GUIDE RAIL



CBC FIGURE 11B-27(c) – PEDESTRIAN RAMP WIDTH, HANDRAIL, AND GUIDE CURB

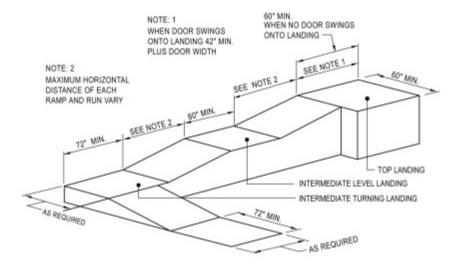


CBC FIGURE 11B-36 - HANDRAIL GRIP, CLEARANCE, AND RECESS

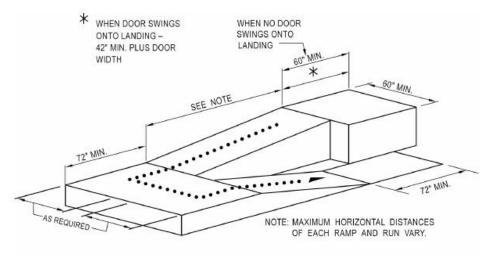


THESE FIGURES ARE FOR ILLUSTRATIVE PURPOSES ONLY.
THEY ARE NOT INTENDED FOR REPRODUCTION AS PLAN DETAILS.
IF CONFLICTS EXIST BETWEEN THESE FIGURES AND THE TEXT
OF THE *CALIFORNIA BUILDING CODE*, THE CODE TEXT SHALL GOVERN.

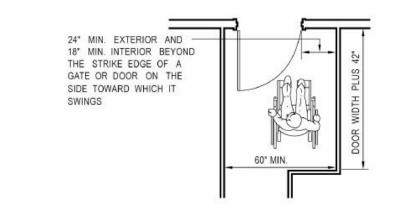
PDS 628B REV.: 09/24/2012



CBC FIGURE 11B-38(b) - PEDESTRIAN RAMP WITH TURNING LANDING



CBC FIGURE 11B-39(a) -PEDESTRIAN RAMP WITH SWITCHBACK LANDING



CBC FIGURE 11B-39(b) - PEDESTRIAN RAMP LANDING AT DOOR

THESE FIGURES ARE FOR ILLUSTRATIVE PURPOSES ONLY.
THEY ARE NOT INTENDED FOR REPRODUCTION AS PLAN DETAILS.
IF CONFLICTS EXIST BETWEEN THESE FIGURES AND THE TEXT
OF THE CALIFORNIA BUILDING CODE, THE CODE TEXT SHALL GOVERN.